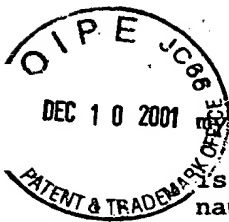


APPLICATION FOR UNITED STATES PATENT
DECLARATION AND POWER OF ATTORNEY



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MAGNETIC RECORDING MEDIUM AND MAGNETIC RECORDING APPARATUS

described and claimed in the specification:

Check one

*a. ☐ attached hereto.

b. ☒ filed on September 4, 2001 as Application No. 09/944,193 and amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) and/or United States provisional application(s) filed within one year prior to this application are hereby claimed:

Japanese Patent Application No. 2000-359200 filed on November 27, 2000

Japanese Patent Application No. 2001-054254 filed on February 28, 2001

Japanese Patent Application No. 2001-078630 filed on March 19, 2001

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

James A. Oliff, Reg. No. 27,075; William P. Berridge, Reg. No. 30,024; Kirk M. Hudson, Reg. No. 27,562; Thomas J. Pardini, Reg. No. 30,411; and Edward P. Walker, Reg. No. 31,450.

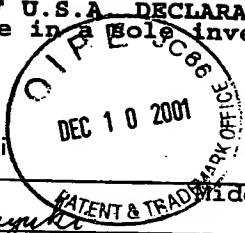
ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1	Typewritten Full Name of Sole or First Inventor	Hideaki	YAMANAKA		
		Given Name	Middle Initial	Family Name	
2	Inventor's Signature	<u>Hideaki Yamanaka</u>			
3	Date of Signature	<u>November 28, 2001</u>			
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*This form may be executed only when attached to the specification (including claims) at the end thereof if Box a. is checked.

**Note to Inventor: Please sign name exactly as it appears above and insert actual date of signing.



1 Typewritten Full Name of Second Joint Inventor (if any) Nobuyuki INABA
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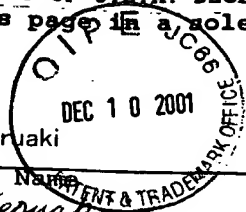
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This form may be executed only when attached to the first page of the Declaration and Power of Attorney form of the application to which it pertains.



1 Typewritten Full Name of Sixth Joint Inventor (if any) Teruaki TAKEUCHI
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1 Typewritten Full Name of Seventh Joint Inventor (if any)
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3 "Date of Signature Month Day Year
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Citizenship
Post Office Address
(Insert complete mailing address, including country)

1 Typewritten Full Name of Eighth Joint Inventor (if any)
2 "Inventor's Signature Given Name Middle Initial Family Name
3 "Date of Signature Month Day Year
Residence City State or Province Country
Citizenship
Post Office Address
(Insert complete mailing address, including country)

1 Typewritten Full Name of Ninth Joint Inventor (if any)
2 "Inventor's Signature Given Name Middle Initial Family Name
3 "Date of Signature Month Day Year
Residence City State or Province Country
Citizenship
Post Office Address
(Insert complete mailing address, including country)

"Note to Inventors: Please sign name exactly as it appears and insert the actual date of signing.

This form may be executed only when attached to the first page of the Declaration and Power of Attorney form of the application to which it pertains.